| Kol. | Opis |
|---|---|
| 1 | **MAGNA3 50-180 F** |

**Paznja! Slika proizvoda se može razlikovati od stvarnog proizvoda**

Proizvodni broj: Na zahtev

The Grundfos MAGNA3 circulator pump is the ideal choice for almost any building project – old or new. With its unrivalled energy efficiency, all-encompassing range and built-in communication capabilities, MAGNA3 is ideal for engineers and specifiers looking to create high-performance heating and cooling systems.

The pump is maintenance-free due to the canned-rotor type design. This also means that pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid.

MAGNA3 features an intuitive display and allows you to connect wirelessly with the Grundfos GO Remote app, giving you access to advanced reporting and monitoring.

The pump includes fieldbus communication via CIM modules as well as analog and digital inputs and configurable relays.

Control features include AUTOADAPT and FLOWADAPT. FLOWADAPT which reduces the need for throttling valves, thus cutting costs on system components.

MAGNA3 is the superior choice for a wide range of heating and cooling applications, including:

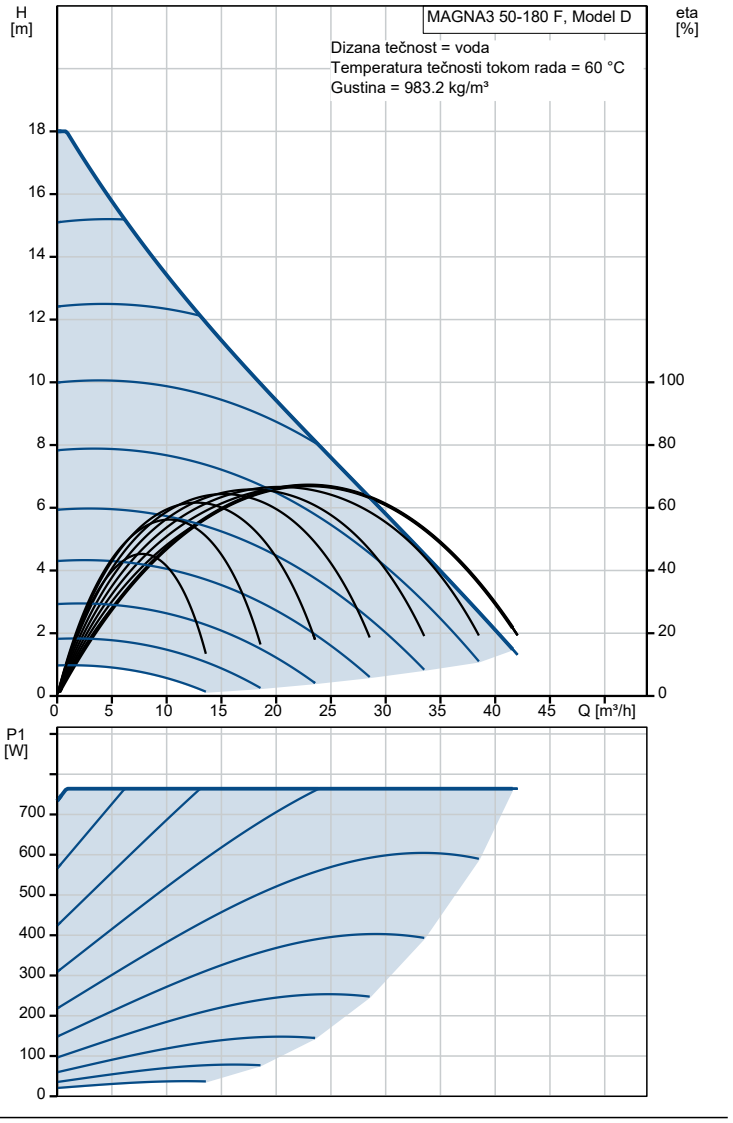
- Mixing loops
- Heating surfaces
- Air conditioning surfaces
- Ground-source heat pump systems
- Smaller chiller applications.

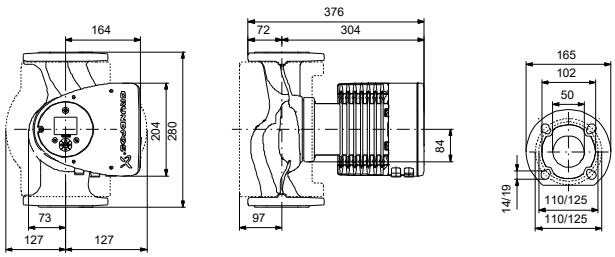
MAGNA3 is a single-phase pump and characterised by having the controller and control display integrated in the control box. The pump also has a built-in differential-pressure and temperature sensor.

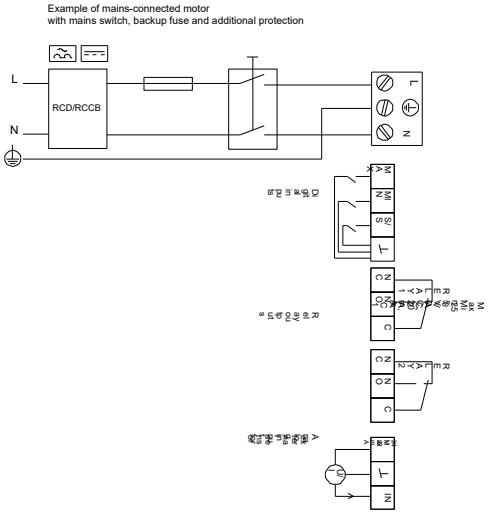
The pump housing is available in both cast-iron and stainless-steel versions. The composite rotor can is carbon-fibre reinforced, the bearing plate and rotor cladding are made of stainless steel and the stator housing is made of aluminium. The power electronics are air-cooled.

MAGNA3 incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterised by higher efficiency than a conventional asynchronous squirrel-cage motor. The pump speed is controlled by an integrated frequency converter.

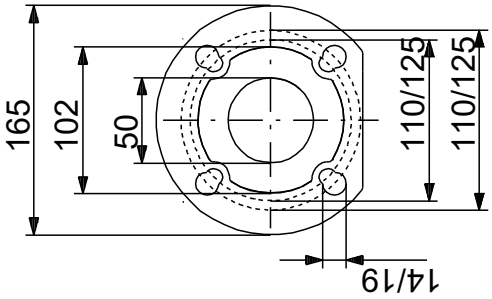
| Opis | Vrednost |
|---|---|
| **Opšte informacije:** | |
| Ime proizvoda:: | MAGNA3 50-180 F |
| Šifra proizvoda: | Na zahtev |
| EAN broj:: | Na zahtev |
| **Tehnički:** | |
| Nazivni protok: | 21.88 m³/h |
| Rated head: | 8.733 m |
| Visina max.: | 180 dm |
| TF klasa: | 110 |
| Approvals: | CE,VDE,EAC,MOROCCO,UKCA,TSE RCM,UkrSEPRO |
| Model: | D |
| **Materijali:** | |
| Kućište pumpe: | Liveno gvožđe |
| Kućište pumpe: | EN-GJL-250 |
| Kućište pumpe: | ASTM A48-250B |
| Rotor: | PES 30%GF |
| **Ugradnja:** | |
| Opseg temperature okruženja: | 0 .. 40 °C |
| Maksimalni radni pritisak: | 10 bar |
| Standardna prirubnica: | DIN |
| Dimenzija izlaza pumpe: | DN 50 |
| Nazivni pritisak: | PN 6/10 |
| Dužina ugrađivanja: | 280 mm |
| **Tečnost:** | |
| Dizana tečnost: | voda |
| Raspon temperature tečnosti: | -10 .. 110 °C |
| Selected liquid temperature: | 60 °C |
| Gustina: | 983.2 kg/m³ |
| **Elektro podaci:** | |
| Potrebna snaga - P1: | 23 .. 764 W |
| Frekvencija struje: | 50 / 60 Hz |
| Rated voltage [V]: | 1 x 230 V |
| Maksimalna potrošnja struje: | 0.24 .. 3.45 A |
| Klasa zaštite (IEC 34-5): | X4D |
| Klasa izolacije (IEC 85): | F |
| **Ostali:** | |
| Energija (EEI): | 0.18 |
| Environmental approvals: | CN ROHS,WEEE |
| Neto masa: | 18.9 kg |
| Bruto masa: | 20.8 kg |
| Shipping volume: | 0.046 m³ |
| Danski VVS Br.: | 380953518 |
| Swedish RSK No.: | 5732498 |
| Finnish LVI No.: | 4615157 |
| Norwegian NRF no.: | 9042677 |
| Country of origin: | DE |
| Custom tariff no.: | 84137030 |

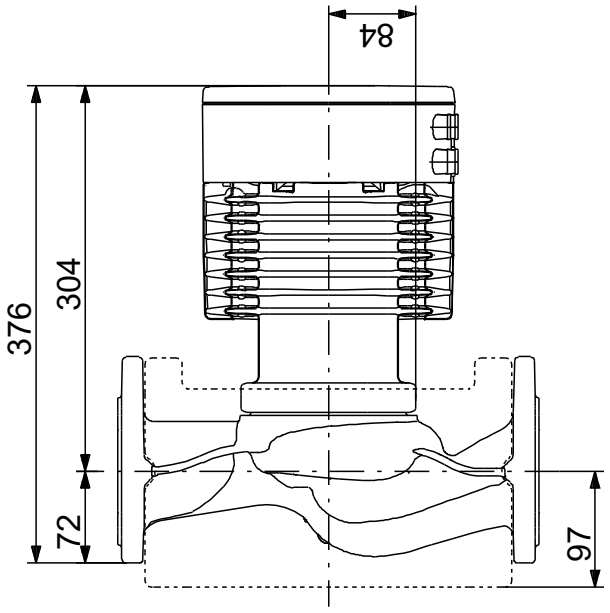


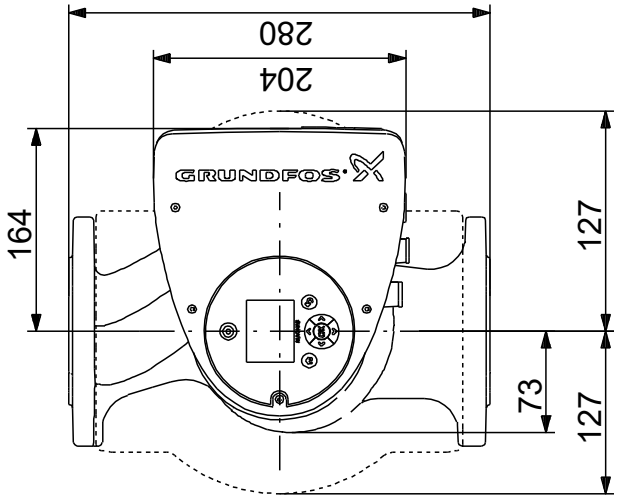



# Na zahtev MAGNA3 50-180 F




Napomena! Sve jedinice su u [mm]ukoliko drugačije nije navedeno.
Upozorenje: Ovaj pojednostavljeni dimenzioni crtež ne pokazuje sve detalje.